

# Video Amplifier

$R_1, R_3, R_5, R_7$  - Bias Resistors: Values may  
be obtained to obtain 300 ma collector current.

$R_1 = 270 \text{ k}\Omega$  to  $820 \text{ k}\Omega$   $\frac{1}{2} \text{ w.}$  Allen Bradley

$R_3 = 680 \text{ k}\Omega$  to  $1.2 \text{ M}\Omega$   $\frac{1}{2} \text{ w.}$  "

$R_5 = 1.2 \text{ M}\Omega$  to  $1.5 \text{ M}\Omega$   $\frac{1}{2} \text{ w.}$  "

$R_7 = 470 \text{ k}\Omega$  to  $560 \text{ k}\Omega$   $\frac{1}{2} \text{ w.}$  "

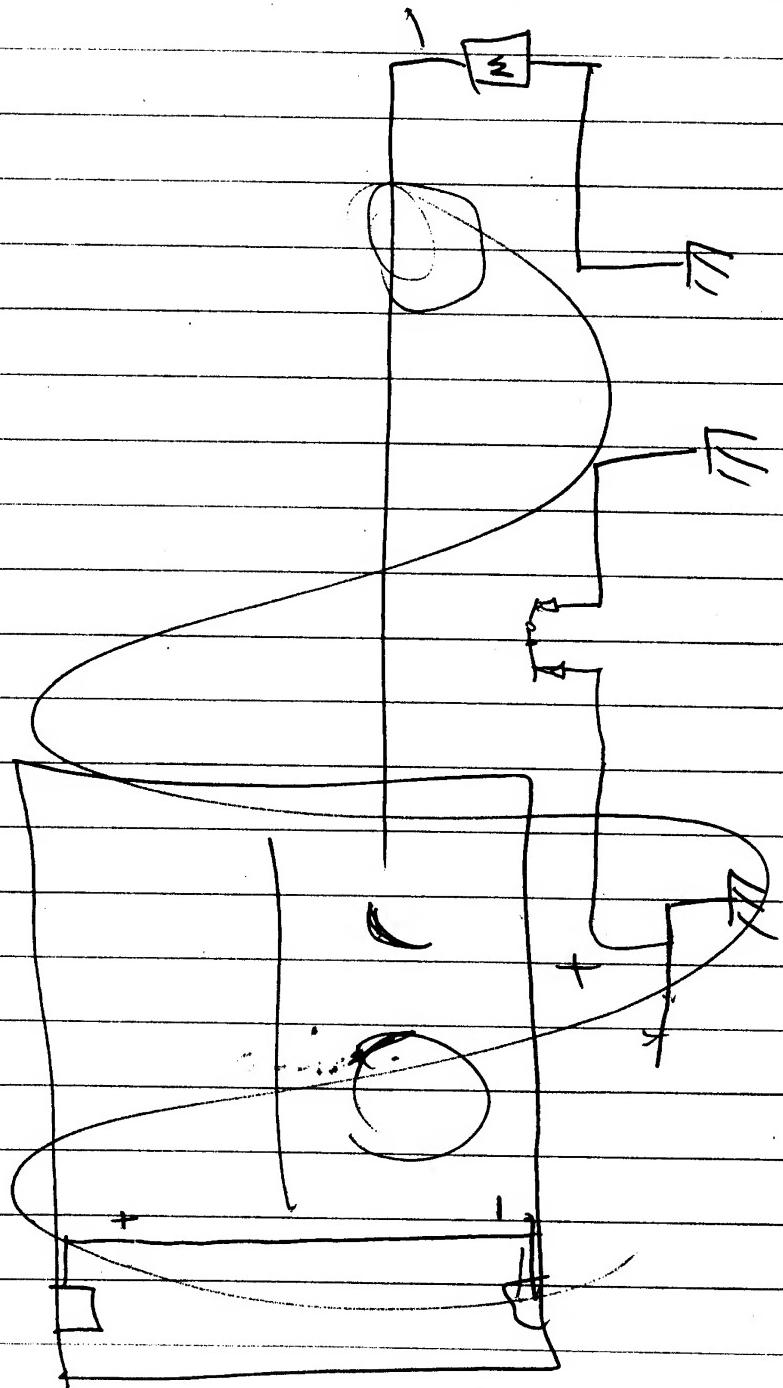
$R_2, R_4, R_6, R_8 = 2200 \Omega$   $\frac{1}{2} \text{ w.}$  "

$TR_1, TR_2, TR_3, TR_4$  - SB100 - Philco

S0~~1~~  
~~1~~ = IPC # 46025 COAXIAL (MALE)

P<sub>1</sub>~~1~~ - CONTINENTAL 4-20 P WITH HOOD

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# Video amplifier

$C_1, C_2, C_3, C_4, C_5 = 0.1 \mu\text{fd. } 25V. \text{ MUNIC}$

$C_6 = 120 \mu\text{fd.}$

$D_1 = 1N67$  HUGHES

## AUDIO AMPLIFIER

$R_9 = 1M\Omega$  to w. ALLEN BRADLEY

$R_{10}, R_{14} = 22k\Omega$  "

$R_{11}, R_{15} = 150k\Omega$  "

$R_{12}, R_{16} = 18k\Omega$  "

$R_{13}, R_{17} = 3.9k\Omega$  "

$R_{18} = 12k\Omega$  "

$R_{19} = 220k\Omega$  "

$R_{20} = 2.7k\Omega$  "

$R_{21} = 8.2k\Omega$  "

$S_0_1$  = CONTINENTAL SOCKET 4-20 S

$P_2$  = CONTINENTAL PLUG C5-20 P WITH HOOD

$TR_5, TR_6, TR_7 = 2N34$  SYLVANIA

## AUDIO AMPLIFIER

C<sub>7</sub> - 70 ufd 15v. FANSTEEL TANTALUM

C<sub>8</sub>, C<sub>10</sub>, C<sub>12</sub> - 10 ufd 100v. FANSTEEL TANTALUM

C<sub>9</sub>, C<sub>11</sub> - 0.1 ufd 25v MUCON CERAMIC

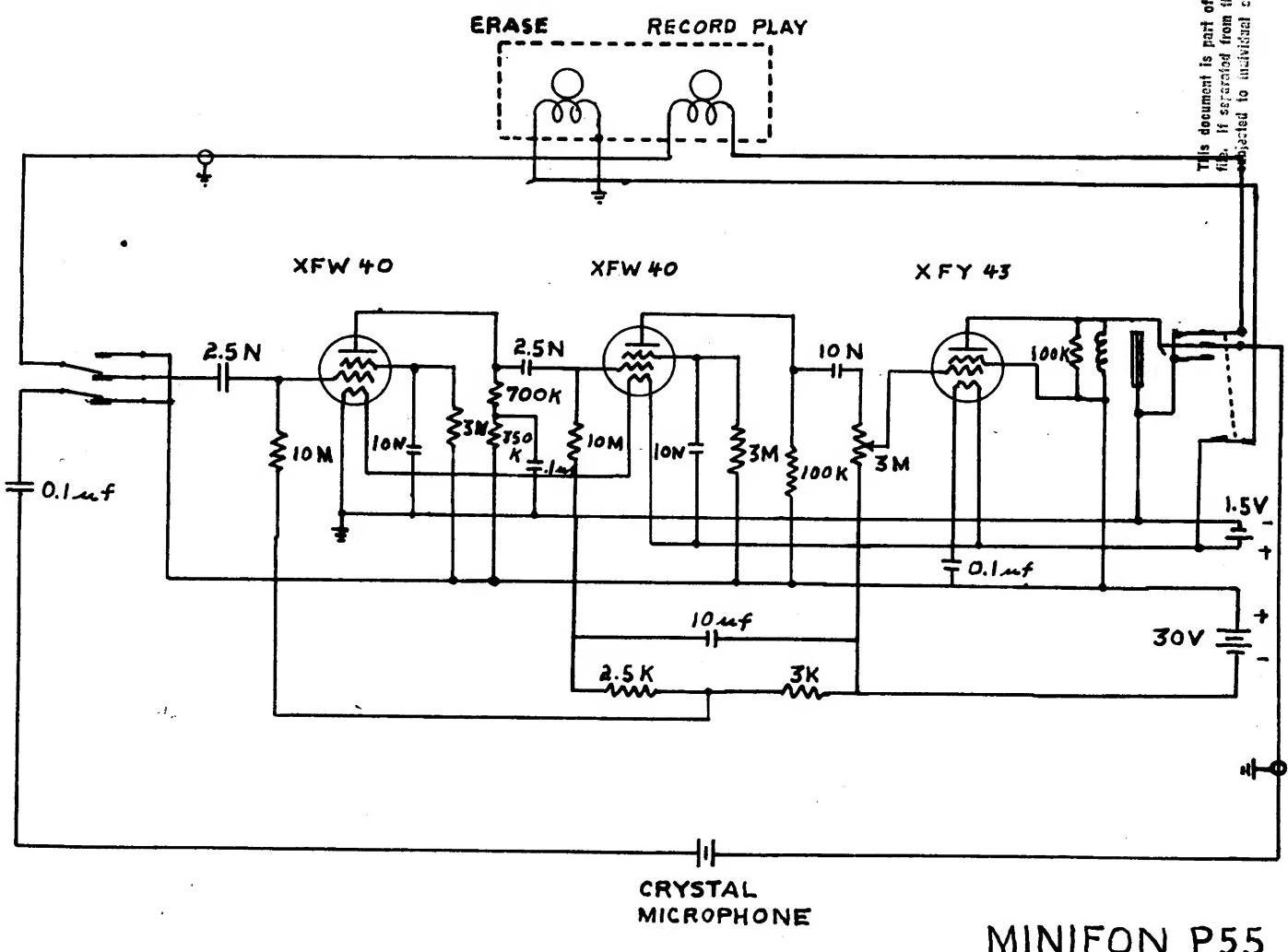
T<sub>1</sub> - ARGONNE - AR-109 - CENTER TAP REMOVED

DET'AND

R<sub>22</sub> - 100KΩ POT.R<sub>23</sub>, R<sub>28</sub>, R<sub>29</sub> - 100KΩ 10W. ALLEN BRADLEYR<sub>24</sub> - 6.8 KΩ                  "                  "R<sub>25</sub> - 18 KΩ                  "                  "R<sub>26</sub> - 22 KΩ                  "                  "R<sub>27</sub> - 100Ω                  "                  "R<sub>30</sub> - 200Ω                  1 WATTC<sub>13</sub>, C<sub>17</sub>, C<sub>18</sub>, C<sub>19</sub> - 0.1 μfd 25V. MUCON CERAMICC<sub>14</sub>, C<sub>15</sub>, C<sub>16</sub> - 200 μfd 15V. TANALUM - CORNELL DUBILIERC<sub>20</sub>, C<sub>21</sub> - 2 μfd - 100V. FANSTEEL TANTALUMTR<sub>8</sub>, TR<sub>9</sub> - 2N34RY<sub>1</sub>, RY<sub>2</sub> - ELGIN-NEOMATIC RELAY - NM2KS<sub>02</sub> - CONTINENTAL - C5-20 S-P<sub>3</sub>- " 4-20 S - WITH HOODS<sub>03</sub> - CONTINENTAL 4-20 PM<sub>1</sub> - CAM DRIVE MOTOR 1/5 R.P.M. 6 Volts 70mA.HAYDON # FW296 Z CALIBRATED RESISTOR REMOVEDL<sub>1</sub>, L<sub>2</sub> - 100MH. 25Ω CUP CORE CHOKESD<sub>2</sub> - IN48SW<sub>1</sub> - MICRO-SWITCH - CAM-TIME ACTUATED (ARM LEVER)SW<sub>2</sub> - MICRO-SWITCH (BAT LEVER) POWER SWITCH

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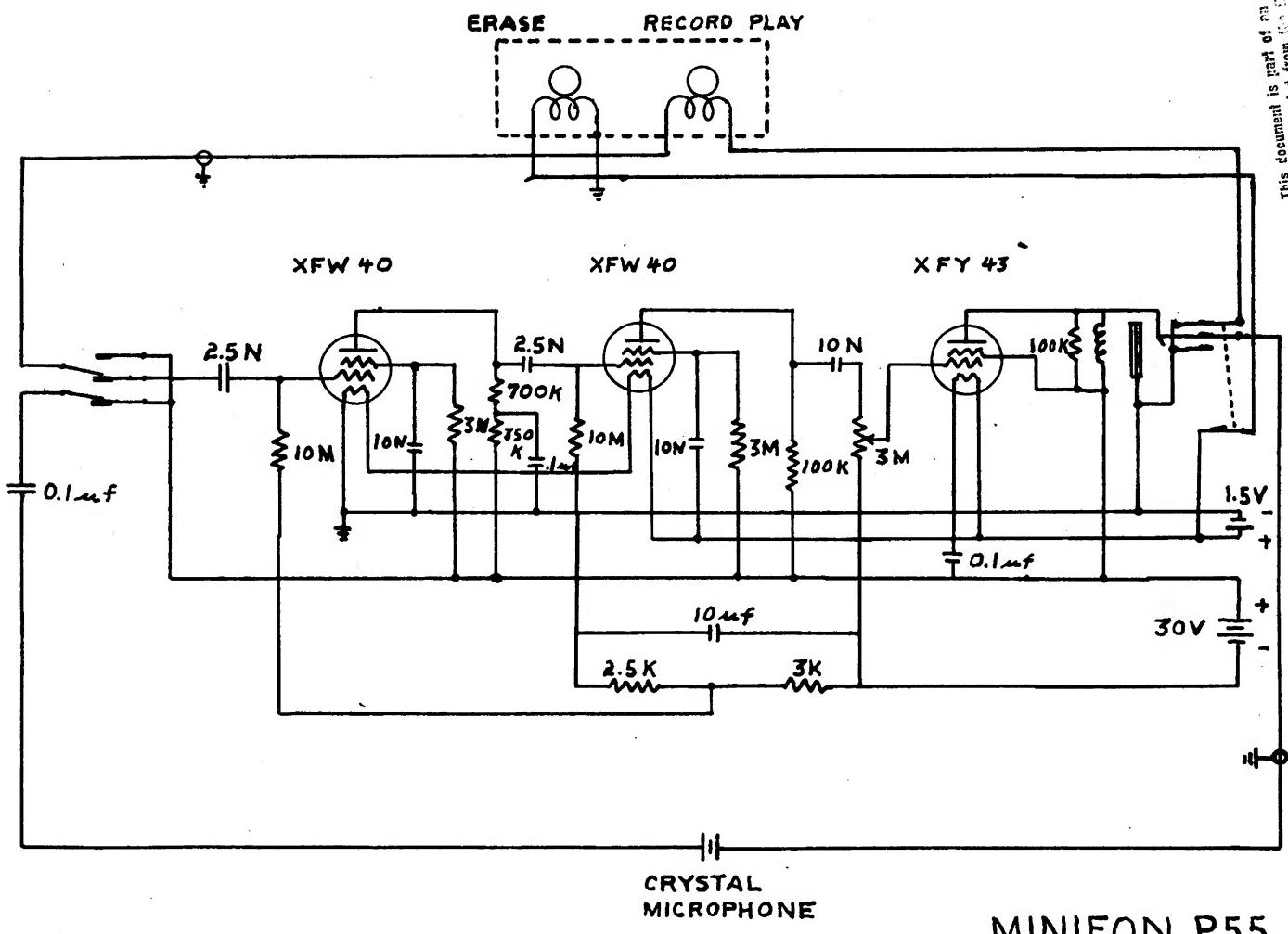
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MINIFON P55

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